

## EAST Search History

SN 10/796,561

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	("6703419" "6447812" "6200574" "6048532" "5795576").pn	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:18
L2	6	"high density chitosan"	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:23
L3	25865	((shellfish near5 (extract extraction)) chitosan glucosamine)	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:29
L4	33752	(pectin pectinic ((fruit vegetable) near5 (rind skin peel\$)))	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:30
L5	40172	(acacia "locust tree" "wattle tree")	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:30
L6	2393	(psyllium ispaghula isogel ispaghule metamucil plantaglucide plantago reguval)	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:30
L7	101	L3 and L4 and L5 and L6	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:28
L8	2600	L3 same L4	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:28
L9	279	L8 same L5	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:28
L10	23	L9 same L6	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:28
L11	41	L3 same L5 same L6	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:29
L12	165	L4 same L5 same L6	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:29

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L13	153	L4 with L5 with L6	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:29
L14	46	L3 and L13	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:29
L15	5128	((shellfish near5 (extract extraction)) chitosan glucosamine).ti,ab,clm.	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:30
L16	5215	(pectin pectinic ((fruit vegetable) near5 (rind skin peel\$))) ti,ab,clm	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:30
L17	1054	(acacia "locust tree" "wattle tree").ti,ab,clm.	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:30
L18	515	(psyllium ispaghula isogel ispaghule metamucil plantaglucide plantago reguval) ti,ab,clm.	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:30
L19	14	L15 and L16 and L17 and L18	US-PGPU B; USPAT; USOCR	OR	ON	2006/06/01 15:30

# National Library of Medicine - Medical Subject Headings

2006 MeSH

## MeSH Descriptor Data

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MeSH Search Notes  
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<b>MeSH Heading</b>	Chitosan
<b>Tree Number</b>	D05.750.078.139.500
<b>Tree Number</b>	D09.698.211.500
<b>Scope Note</b>	Deacetylated <u>CHITIN</u> , a linear polysaccharide of deacetylated beta-1,4-D-glucosamine. It is used in <u>HYDROGEL</u> and to treat <u>WOUNDS</u> .
<b>Entry Term</b>	Poliglusam
<b>Allowable Qualifiers</b>	AA AD AE AG AI AN BL CF CH CL CS CT DU EC HI IM IP ME PD PK PO RE SD ST TO TU UR
<b>Pharm. Action</b>	<u>Anticholesteremic Agents</u>
<b>Pharm. Action</b>	<u>Biocompatible Materials</u>
<b>Pharm. Action</b>	<u>Chelating Agents</u>
<b>Pharm. Action</b>	<u>Hemostatics</u>
<b>Registry Number</b>	9012-76-4
<b>Previous Indexing</b>	<u>Chitin</u> /analogs & derivatives (1975-2004)
<b>History Note</b>	2005(2004)
<b>Unique ID</b>	D048271

## MeSH Tree Structures

Macromolecular Substances [D05]

Polymers [D05.750]

Biopolymers [D05.750.078]

Chitin [D05.750.078.139]

► Chitosan  
[D05.750.078.139.500]

Carbohydrates [D09]

Polysaccharides [D09.698]

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*MeSH Search Notes*

## MeSH Descriptor Data

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<b>MeSH Heading</b>	Psyllium
<b>Tree Number</b>	<u>D20.215.784.500.720</u>
<b>Tree Number</b>	<u>D20.666.500.720</u>
<b>Annotation</b>	drug only; plant source is <u>PLANTAGO</u>
<b>Scope Note</b>	Dried, ripe seeds of Plantago psyllium, P. indica, and P. ovata (Plantaginaceae). Plantain seeds swell in water and are used as demulcents and bulk laxatives.
<b>Entry Term</b>	Ispaghula
<b>Entry Term</b>	Isogel
<b>Entry Term</b>	Ispaghule Gum
<b>Entry Term</b>	Metamucil
<b>Entry Term</b>	Plantaglucide
<b>Entry Term</b>	Plantago Seed
<b>Entry Term</b>	Reguval
<b>Allowable Qualifiers</b>	AD AE AG AI AN BI BL CF CH CL CS CT DU EC HI IM IP ME PD PK PO RE SD ST TO TU UR
<b>Pharm. Action</b>	Cathartics
<b>CAS Type 1 Name</b>	Psyllium gum
<b>Registry Number</b>	8063-16-9
<b>History Note</b>	was in Cat B & D 1963-77
<b>Unique ID</b>	D011620

## MeSH Tree Structures

Complex Mixtures [D20]

Biological Products [D20.215]

Plant Preparations [D20.215.784]

Plant Extracts [D20.215.784.500]

Cascara [D20.215.784.500.175]

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MeSH Search Notes  
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MeSH Heading	Glucosamine
Tree Number	D09.067.342.531
Entry Term	2-Amino-2-Deoxyglucose
Entry Term	Dona
Entry Term	Dona S
Entry Term	Fides Ecopharma Brand of Glucosamine Sulfate
Entry Term	Glucosamine Sulfate
Entry Term	Hespercorbin
Entry Term	Opfermann Brand of Glucosamine Sulfate
Entry Term	Rottapharm Brand of Glucosamine Sulfate
Entry Term	Xicil
Allowable Qualifiers	AA AD AE AG AI AN BI BL CF CH CL CS CT DF DU EC GE HI IM IP ME PD PH PK PO RE SD SE ST TO TU UR
CAS Type 1 Name	D-Glucose, 2-amino-2-deoxy-
Registry Number	3416-24-8
Unique ID	D005944

## MeSH Tree Structures

[Carbohydrates \[D09\]](#)

[Amino Sugars \[D09.067\]](#)

[Hexosamines \[D09.067.342\]](#)

[Fructosamine \[D09.067.342.300\]](#)

[Galactosamine \[D09.067.342.356\] +](#)

► [Glucosamine \[D09.067.342.531\]](#)

[Acetylglucosamine \[D09.067.342.531.050\]](#)

[Meglumine \[D09.067.342.600\] +](#)

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# National Library of Medicine - Medical Subject Headings

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MeSH Search Notes

## MeSH Descriptor Data

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<b>MeSH Heading</b>	Acacia
<b>Tree Number</b>	B06.388.100.401.025
<b>Annotation</b>	acacia pharmaceut agents are probably <u>GUM ARABIC</u> ; coord with specific <u>PLANT COMPONENTS</u> term if pertinent; for use in therapy coord IM with <u>PHYTOTHERAPY</u> (IM) + disease/drug ther (IM) + <u>PLANT PREPARATIONS</u> or its indentations/ <u>ther use</u> (IM or NIM) + specific plant chemical /ther use (IM) if pertinent; Manual 26.29
<b>Scope Note</b>	A plant genus of the family <u>FABACEAE</u> . The gums and tanning agents obtained from Acacia are called <u>GUM ARABIC</u> . The common name of catechu is more often used for Areca catechu ( <u>ARECA</u> ).
<b>Entry Term</b>	Locust Tree
<b>Entry Term</b>	Wattle Tree
<b>Entry Term</b>	Acacia catechu
<b>Allowable Qualifiers</b>	AE AH CH CL CY DE EM EN GD GE IM ME MI PH PO PS RE TO UL VI
<b>History Note</b>	91(86)63; was see under TREES 1986-90; was heading 1963-85
<b>Unique ID</b>	D000045

## MeSH Tree Structures

### Plants [B06]

#### Plant Families and Groups [B06.388]

#### Angiosperms [B06.388.100]

#### Fabaceae [B06.388.100.401]

- Abrus [B06.388.100.401.012]

- Acacia [B06.388.100.401.025]

- Albizia [B06.388.100.401.051]

- Arachis hypogaea [B06.388.100.401.077]

- Aspalathus [B06.388.100.401.082]

- Astragalus Plant [B06.388.100.401.087] +

# National Library of Medicine - Medical Subject Headings

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*MeSH Search Notes*

## MeSH Supplementary Concept Data

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Name of Substance	pectin
Record Type	C
Registry Number	9000-69-5
Entry Term	methoxy pectin
Entry Term	methoxylpectin
Entry Term	methoxypectin
Entry Term	pectinic acid
Heading Mapped to	*Pectins
Source	Lancet 1981;1(8229):1075
Thesaurus ID	Merck Index, 9th ed, #6861
Pharm. Action	Antidiarrheals
Frequency	771
Note	used in drug therapy of dumping syndrome
Date of Entry	19810630
Revision Date	20020102
Unique ID	C030121

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